FIG. 1

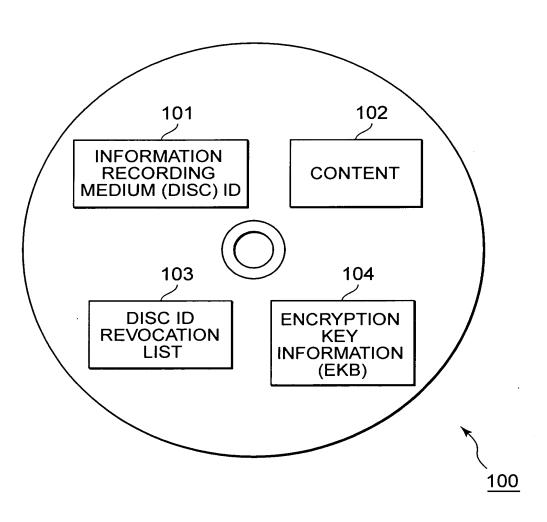
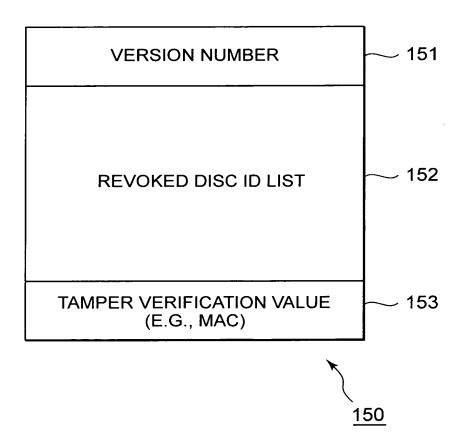
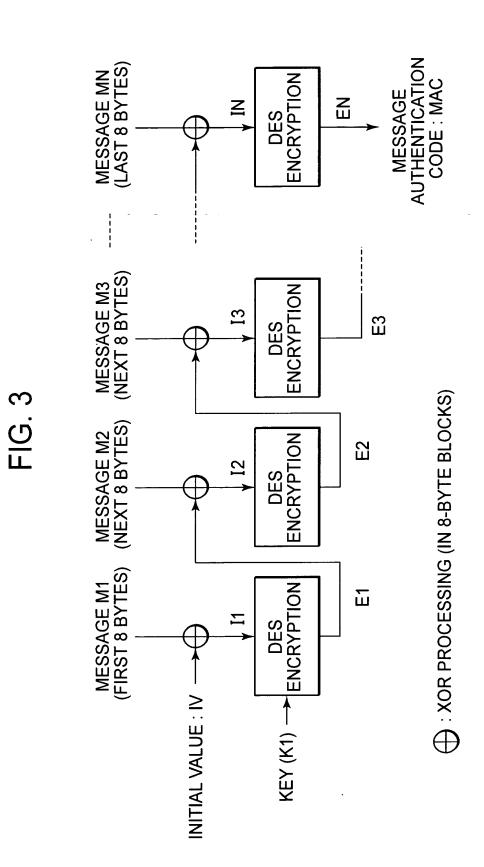


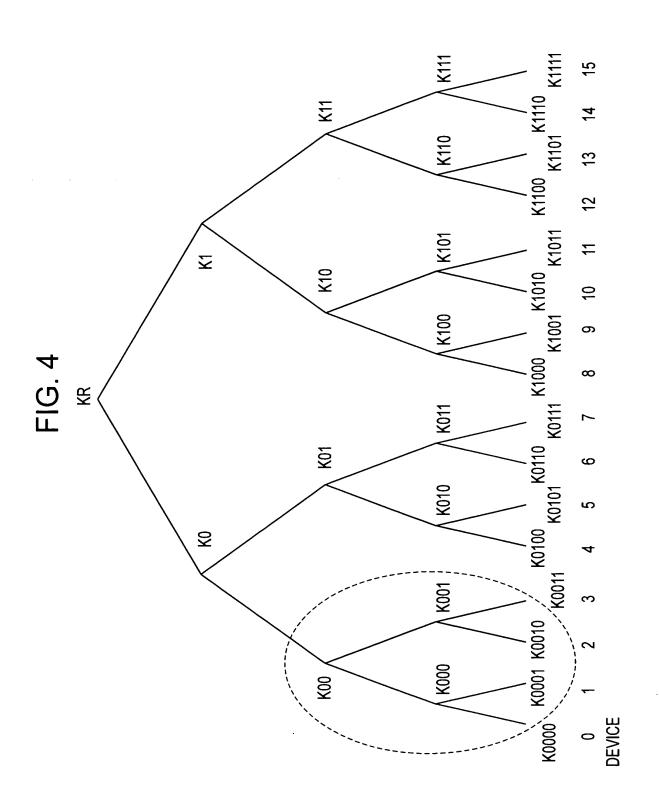
FIG. 2



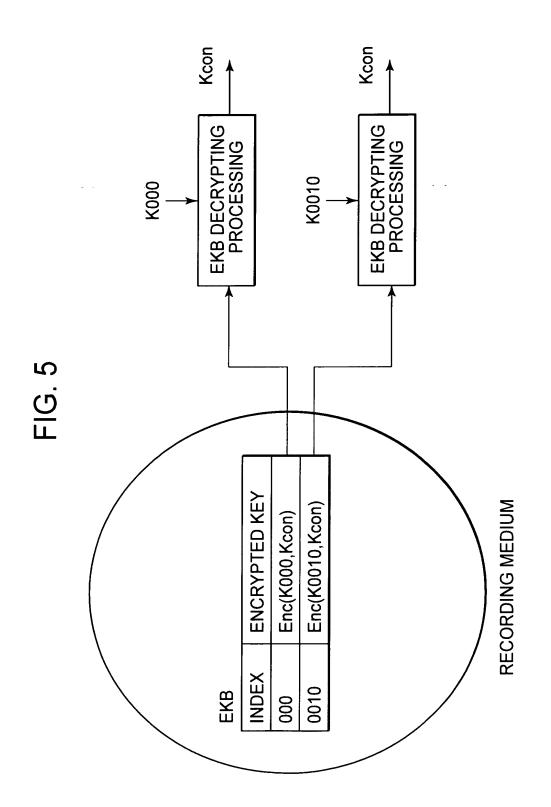
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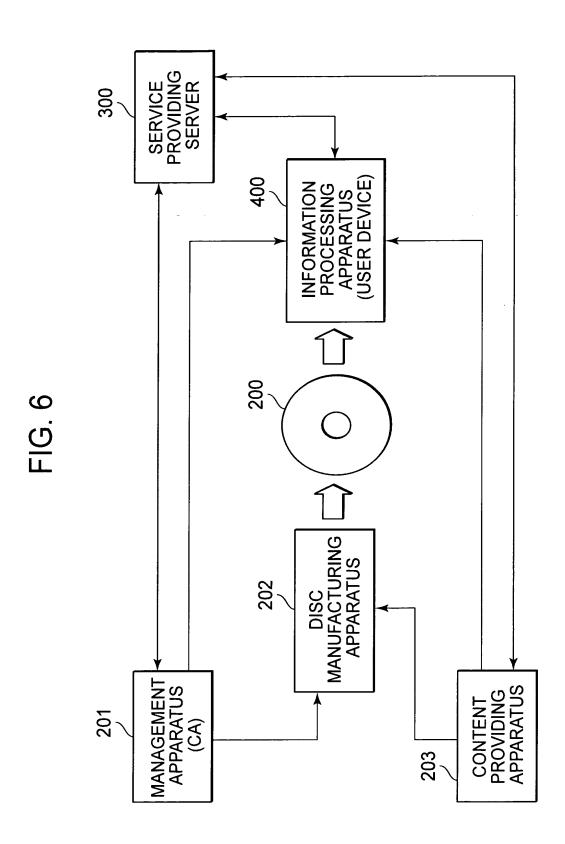
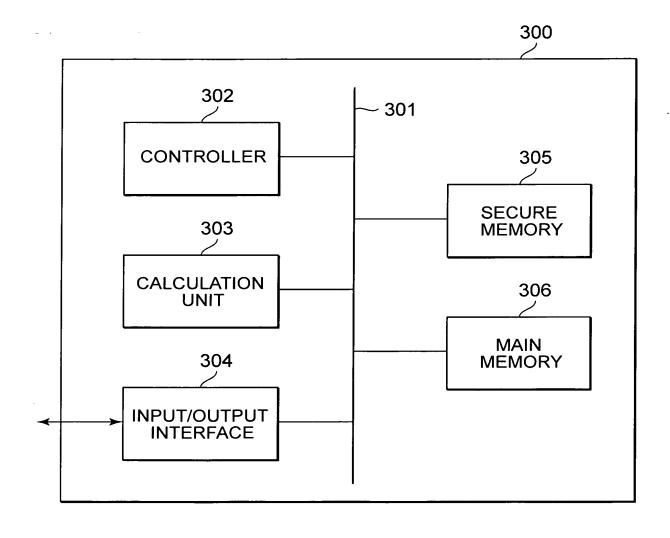
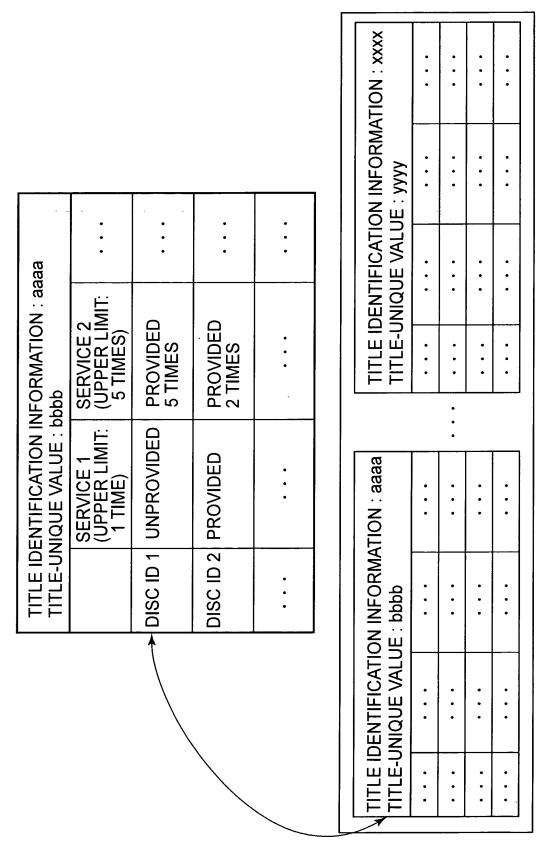


FIG. 7





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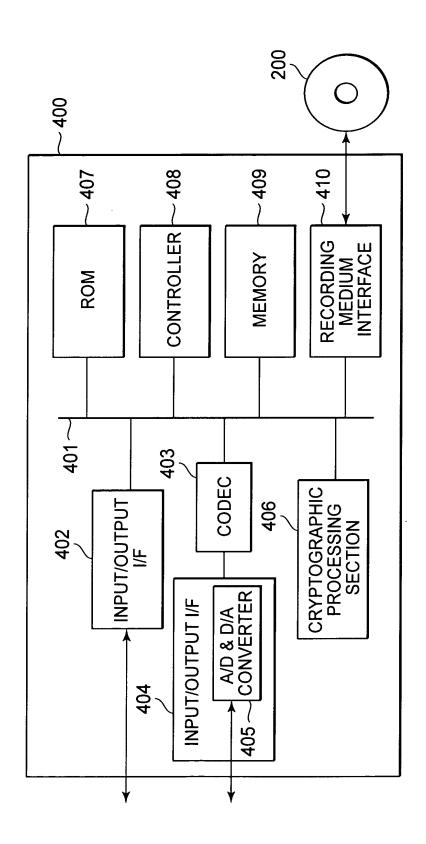
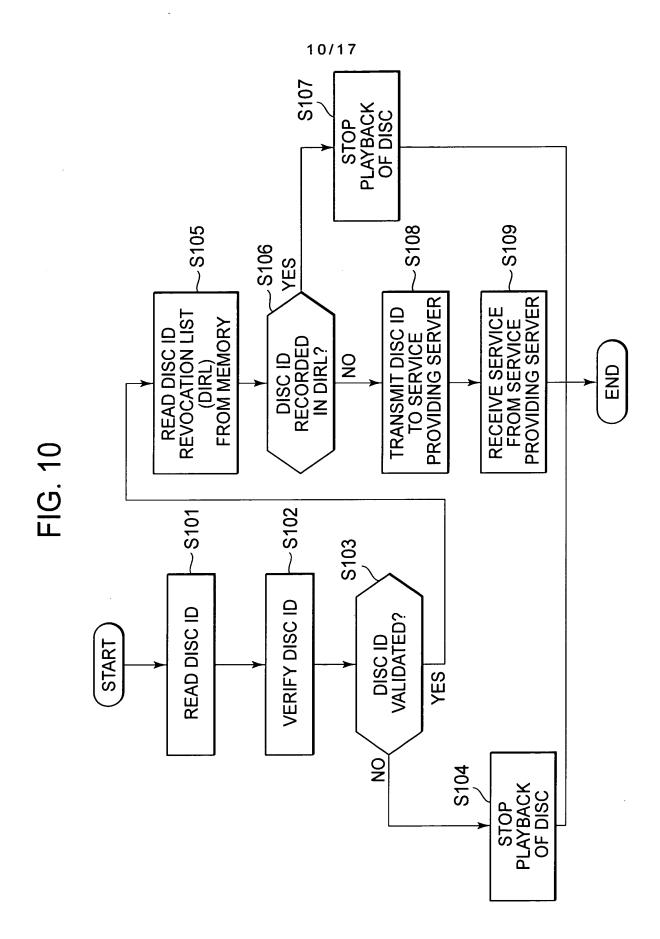


FIG. 9



DISC-UNIQUE VALUE p(w) OR IDKey(w) e(w) OR I(w) Sig(w) Sig(w) e(w) (<u>₩</u>) TITLE-UNIQUE VALUE ≥ ഗ ഗ ഗ ഗ S p(w), IDKey(w) p(w), IDKey(w) e(w), I(w) M, Sig(w) S, Sig(w) DISC ID ∝ ∝ DISC ID SETTING EXAMPLE 3 DISC ID SETTING EXAMPLE 5 DISC ID SETTING EXAMPLE 4 DISC ID SETTING EXAMPLE 6 DISC ID SETTING EXAMPLE 2 DISC ID SETTING EXAMPLE 1

FIG. 1

FIG. 12

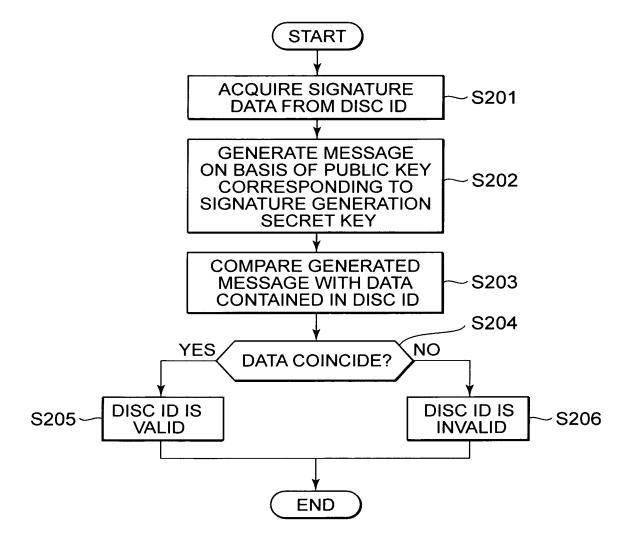
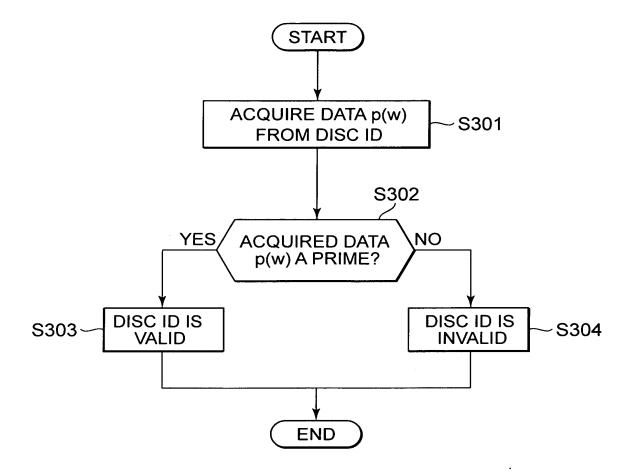


FIG. 13



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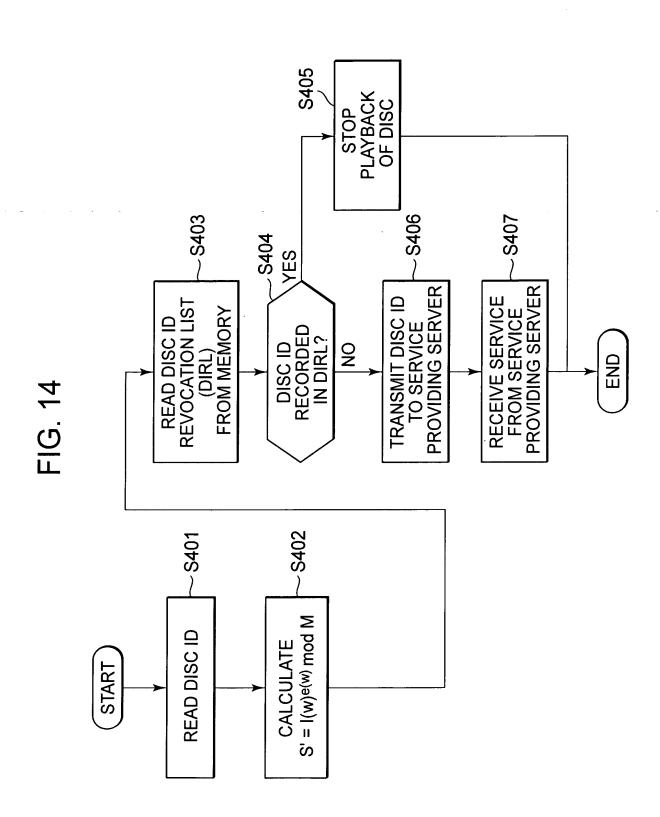
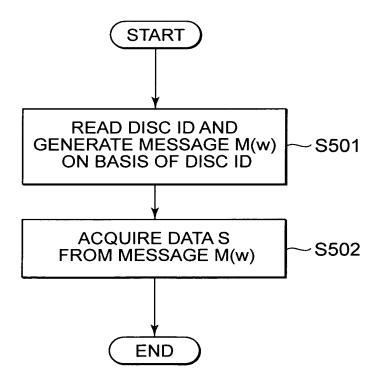
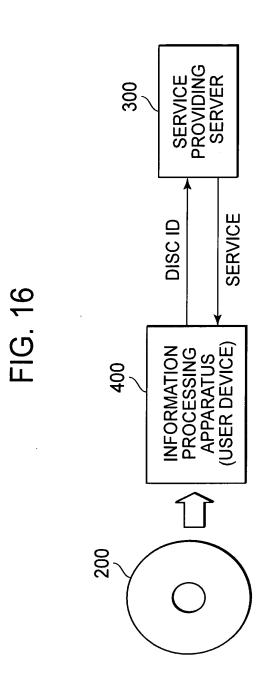


FIG. 15



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